

# WEST

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## Search Results -

[Terms](#)[Documents](#)

l22 and l31.

39

US Patents Full-Text Database  
 US Pre-Grant Publication Full-Text Database  
 JPO Abstracts Database  
 EPO Abstracts Database  
 Derwent World Patents Index  
 IBM Technical Disclosure Bulletins

**Database:**

l22 and l31

[Refine Search:](#)[Clear](#)

## Search History

**Today's Date:** 6/22/2001

<u>DB Name</u>	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	l22 and l31	39	<a href="#">L32</a>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	l6 and l29	49	<a href="#">L31</a>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	l6 same l29	1	<a href="#">L30</a>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	triketone\$1	343	<a href="#">L29</a>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	l22 and l27	1	<a href="#">L28</a>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	l6 same l9	3	<a href="#">L27</a>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	l6 and l12	1	<a href="#">L26</a>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	l6 and l14	0	<a href="#">L25</a>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	l22 and l23	1	<a href="#">L24</a>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	l6 same l9	3	<a href="#">L23</a>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	synerg\$	68307	<a href="#">L22</a>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	l10 and l14	0	<a href="#">L21</a>

USPT,PGPB,JPAB,EPAB,DWPI,TDBD	114 adj3 119	0	<u>L20</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	115 or 118	74	<u>L19</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	ylsulfonamidobenzo\$3 or ((ylsulfonamido or ylsulphonamido or ylsulfonylamino or ylsulphonylamino) adj benzo\$3) or ylsulfonylaminobenzo\$3 or ylsulphonamidobenzo\$3 or ylsulphonylaminobenzo\$3	1	<u>L18</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	115 or 116	98	<u>L17</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	sulfonylanthranil\$3 or sulphonylanthranil\$3 or ((sulfonyl or sulphonyl) adj anthranil\$3)	25	<u>L16</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	sulfonamidobenzo\$3 or ((sulfonamido or sulphonamido or sulfonylamino sulphonylamino) adj benzo\$3) or ylsulfonylaminobenzo\$3 or ylsulphonamidobenzo\$3 or ylsulphonylaminobenzo\$3	73	<u>L15</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	113 adj4 112	8	<u>L14</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	ethoxy near2 (fluoro or flouro)	621	<u>L13</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	triazolo adj4 pyrimidin\$2	710	<u>L12</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	chloro adj3 ethoxy adj2 fluoro adj4 triazolo adj4 pyrimidin\$2	0	<u>L11</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	cloransulam	43	<u>L10</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	17 or 18	11	<u>L9</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	(mesyl or methylsulfonyl or methylsulphonyl) adj2 nitrobenzoyl adj3 (cyclohexanedione or (cyclohexan\$1 adj3 dione))	6	<u>L8</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	mesotriione	6	<u>L7</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	11 or 13 or 15	1440	<u>L6</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	amino adj2 (14 or (12 adj (butano\$3 or butyr\$3)))	83	<u>L5</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	carboxypropylmethylphosphin\$4 or (carboxypropyl methylphosphin\$4)	29	<u>L4</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	12 adj2 homoalanin\$4	8	<u>L3</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	hydroxymethylphosphin\$3 or ((hydroxymethyl or (hydroxy methyl)) adj phosphin\$3)	640	<u>L2</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	glufosinate or basta or (hoe 39866) or hoe39866	1387	<u>L1</u>

**WEST****Generate Collection****Search Results - Record(s) 1 through 1 of 1 returned.**

1. Document ID: US 20010004628 A1

L28: Entry 1 of 1

File: PGPB

Jun 21, 2001

PGPUB-DOCUMENT-NUMBER: 20010004628  
PGPUB-FILING-TYPE: new-utility  
DOCUMENT-IDENTIFIER: US 20010004628 A1

TITLE: Herbicidal composition

PUBLICATION-DATE: June 21, 2001

INVENTOR- INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Ruegg, Willy	Gipf-Oberfrick		CH	

US-CL-CURRENT: 504/129

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KMPC	Draw. Desc	Image
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**Generate Collection**

Terms	Documents
I22 and I27	1

**Display**

10

Documents, starting with Document: 1

**Display Format:****Change Format**

**WEST****Generate Collection****Search Results - Record(s) 1 through 3 of 3 returned.** 1. Document ID: US 20010004628 A1

L27: Entry 1 of 3

File: PGPB

Jun 21, 2001

PGPUB-DOCUMENT-NUMBER: 20010004628  
PGPUB-FILING-TYPE: new-utility  
DOCUMENT-IDENTIFIER: US 20010004628 A1

TITLE: Herbicidal composition

PUBLICATION-DATE: June 21, 2001

INVENTOR- INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Ruegg, Willy	Gipf-Oberfrick		CH	

US-CL-CURRENT: 504/129

<a href="#">Full</a>	<a href="#">Title</a>	<a href="#">Citation</a>	<a href="#">Front</a>	<a href="#">Review</a>	<a href="#">Classification</a>	<a href="#">Date</a>	<a href="#">Reference</a>	<a href="#">Claims</a>	<a href="#">KOMC</a>	<a href="#">Draw. Desc</a>	<a href="#">Image</a>
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 2. Document ID: US 6187920 B1

L27: Entry 2 of 3

File: USPT

Feb 13, 2001

US-PAT-NO: 6187920  
DOCUMENT-IDENTIFIER: US 6187920 B1

TITLE: Pyridazinone derivatives

DATE-ISSUED: February 13, 2001

INVENTOR- INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Komori; Takashi	Toyonaka	N/A	N/A	JPX

US-CL-CURRENT: 544/239; 504/238, 544/237, 544/238, 560/168

<a href="#">Full</a>	<a href="#">Title</a>	<a href="#">Citation</a>	<a href="#">Front</a>	<a href="#">Review</a>	<a href="#">Classification</a>	<a href="#">Date</a>	<a href="#">Reference</a>	<a href="#">Claims</a>	<a href="#">KOMC</a>	<a href="#">Draw. Desc</a>	<a href="#">Image</a>
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 3. Document ID: US 6114286 A

L27: Entry 3 of 3

File: USPT

Sep 5, 2000

US-PAT-NO: 6114286  
DOCUMENT-IDENTIFIER: US 6114286 A

TITLE: Pyrimidinone derivatives

DATE-ISSUED: September 5, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Takano; Minoru	Kameoka	N/A	N/A	JPX

US-CL-CURRENT: 504/240; 504/241, 544/281, 544/282

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Claims](#) | [KWMC](#) | [Draw Desc](#) | [Image](#)

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[Generate Collection](#)

Terms	Documents
l6 same 19	3

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[Display](#)  Documents, starting with Document:

[Display Format:](#)  [Change Format](#)



Set Name Query  
side by side

Hit Count Set Name  
result set

DB=USPT,PGPB,JPAB,EPAB,DWPI; PLUR=YES; OP=ADJ

<u>L8</u>	(l1 and L6) not l7	13	<u>L8</u>
<u>L7</u>	l1 same L6	1	<u>L7</u>
<u>L6</u>	triketone\$1 near5 herbicid\$6	50	<u>L6</u>
<u>L5</u>	l3 not L4	18	<u>L5</u>
<u>L4</u>	L1 with l2	27	<u>L4</u>
<u>L3</u>	l1 and L2	45	<u>L3</u>
<u>L2</u>	mesotrione or ( (nitro adj2 (methylsulfonylbenzoyl or methylsulphonylbenzoyl)) adj3 (cyclohexanedione or cyclohexenedione))	68	<u>L2</u>
<u>L1</u>	Glufosinate or phosphinothricin or basta or hoe39866 or (hoe 39866) or ((hydroxymethylphosphin\$3 or ((hydroxymethyl or hydroxy methyl) adj phosphin\$3) or (hydroxy adj methylphosphin\$3)) adj2 (homoalanin\$3 or butano\$3)) or (homoalanin\$3 adj3 (methylphosphin\$3 or (methyl phosphin\$3))) or (amino adj2 (carboxypropylmethylphosphin\$3 or (carboxy propylmethylphosphin\$3) or (carboxypropyl adj (methylphosphin\$3 or methyl phosphin\$3))))	3032	<u>L1</u>

END OF SEARCH HISTORY

## WEST

## Search Results - Record(s) 1 through 10 of 27 returned.

1. Document ID: US 20030004064 A1

L4: Entry 1 of 27

File: PGPB

Jan 2, 2003

PGPUB-DOCUMENT-NUMBER: 20030004064  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20030004064 A1

TITLE: Synergistic active compound combinations for controlling harmful plants

PUBLICATION-DATE: January 2, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Ahrens, Hartmut	Frankfurt		DE	
Minn, Klemens	Hattersheim		DE	
Dietrich, Hansjorg	Hofheim		DE	
Willms, Lothar	Hofheim		DE	
Hacker, Erwin	Hochheim		DE	
Bieringer, Hermann	Eppstein		DE	

US-CL-CURRENT: 504/133; 504/134

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw	Desc	Image							

KJMC

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2. Document ID: US 20020188136 A1

L4: Entry 2 of 27

File: PGPB

Dec 12, 2002

PGPUB-DOCUMENT-NUMBER: 20020188136  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20020188136 A1

TITLE: Arylphenyl-substituted cyclic ketoenols

PUBLICATION-DATE: December 12, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Lieb, Folker	Leverkusen	KS	DE	
Fischer, Reiner	Monheim	KS	DE	
Graff, Alan	Koln		DE	
Schneider, Udo	Leverkusen		DE	
Bretschneider, Thomas	Lohmar		DE	
Erdelen, Christoph	Leichlingen		DE	
Andersch, Wolfram	Bergisch Gladbach		DE	
Drewes, Mark-Wilhelm	Langenfeld		DE	
Dollinger, Markus	Overland Park		US	
Wetcholowsky, Ingo	Cond. Estancia Marambaia		BR	
Myers, Randy Allen	Overland Park		US	

US-CL-CURRENT: 548/368.4; 548/544, 549/313, 549/62

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KOMC

3. Document ID: US 20020173425 A1

L4: Entry 3 of 27

File: PGPB

Nov 21, 2002

PGPUB-DOCUMENT-NUMBER: 20020173425  
 PGPUB-FILING-TYPE: new  
 DOCUMENT-IDENTIFIER: US 20020173425 A1

TITLE: Substituted phenyluracils

PUBLICATION-DATE: November 21, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Andree, Roland	Langenfeld		DE	
Schwarz, Hans-Georg	Langenfeld		DE	
Linker, Karl-Heinz	Leverkusen		DE	
Drewes, Mark Wilhelm	Langenfeld		DE	
Dahmen, Peter	Neuss		DE	
Feucht, Dieter	Monheim		DE	
Pontzen, Rolf	Leichlingen		DE	

US-CL-CURRENT: 504/243; 544/309

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KOMC

4. Document ID: US 20020115567 A1

L4: Entry 4 of 27

File: PGPB

Aug 22, 2002

PGPUB-DOCUMENT-NUMBER: 20020115567  
 PGPUB-FILING-TYPE: new  
 DOCUMENT-IDENTIFIER: US 20020115567 A1

**TITLE:** Substituted 2-amino-1,3,5-triazines, their preparation, and their use as herbicides and plant growth regulators

**PUBLICATION-DATE:** August 22, 2002

**INVENTOR-INFORMATION:**

NAME	CITY	STATE	COUNTRY	RULE-47
Giencke, Wolfgang	Hofheim		DE	
Willms, Lothar	Hofheim		DE	
Auler, Thomas	Bad Soden		DE	
Bieringer, Hermann	Eppstein		DE	
Menne, Hubert	Hofheim		DE	

**US-CL-CURRENT:** 504/231; 544/194

<a href="#">Full</a>	<a href="#">Title</a>	<a href="#">Citation</a>	<a href="#">Front</a>	<a href="#">Review</a>	<a href="#">Classification</a>	<a href="#">Date</a>	<a href="#">Reference</a>	<a href="#">Sequences</a>	<a href="#">Attachments</a>
<a href="#">Draw Desc</a>	<a href="#">Image</a>								

KM/C

5. Document ID: US 20020042345 A1

L4: Entry 5 of 27

File: PGPB

Apr 11, 2002

PGPUB-DOCUMENT-NUMBER: 20020042345

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020042345 A1

**TITLE:** Combination of crop protection agents with hydrogen bond-forming polymers

**PUBLICATION-DATE:** April 11, 2002

**INVENTOR-INFORMATION:**

NAME	CITY	STATE	COUNTRY	RULE-47
Kocur, Jean	Hofheim		DE	
Frisch, Gerhard	Wehrheim		DE	
Wurtz, Jochen	Bingen am Rhein		DE	
Bickers, Udo	Wietmarschen		DE	
Hacker, Erwin	Hochheim		DE	
Huff, Hans Philipp	Eppstein		DE	
Schnabel, Gerhard	Elsenfeld		DE	

**US-CL-CURRENT:** 504/211; 504/358, 514/772, 514/964

<a href="#">Full</a>	<a href="#">Title</a>	<a href="#">Citation</a>	<a href="#">Front</a>	<a href="#">Review</a>	<a href="#">Classification</a>	<a href="#">Date</a>	<a href="#">Reference</a>	<a href="#">Sequences</a>	<a href="#">Attachments</a>
<a href="#">Draw Desc</a>	<a href="#">Image</a>								

KM/C

6. Document ID: US 20020026048 A1

L4: Entry 6 of 27

File: PGPB

Feb 28, 2002

PGPUB-DOCUMENT-NUMBER: 20020026048

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020026048 A1

TITLE: Pyridazinone derivatives

PUBLICATION-DATE: February 28, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Komori, Takashi	Osaka		JP	

US-CL-CURRENT: 544/239; 504/238, 544/237

<a href="#">Full</a>	<a href="#">Title</a>	<a href="#">Citation</a>	<a href="#">Front</a>	<a href="#">Review</a>	<a href="#">Classification</a>	<a href="#">Date</a>	<a href="#">Reference</a>	<a href="#">Sequences</a>	<a href="#">Attachments</a>	<a href="#">KOMC</a>
<a href="#">Drawn Desc</a>	<a href="#">Image</a>									

7. Document ID: US 20020013466 A1

L4: Entry 7 of 27

File: PGPB

Jan 31, 2002

PGPUB-DOCUMENT-NUMBER: 20020013466

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020013466 A1

TITLE: Uracil compounds and use thereof

PUBLICATION-DATE: January 31, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Tohyama, Yoshitomo	Ashiya-shi		JP	
Sanemitsu, Yuzuru	Kobe-shi		JP	
Gotou, Tomohiko	Osaka		JP	

US-CL-CURRENT: 544/311

<a href="#">Full</a>	<a href="#">Title</a>	<a href="#">Citation</a>	<a href="#">Front</a>	<a href="#">Review</a>	<a href="#">Classification</a>	<a href="#">Date</a>	<a href="#">Reference</a>	<a href="#">Sequences</a>	<a href="#">Attachments</a>	<a href="#">KOMC</a>
<a href="#">Drawn Desc</a>	<a href="#">Image</a>									

8. Document ID: US 20020004457 A1

L4: Entry 8 of 27

File: PGPB

Jan 10, 2002

PGPUB-DOCUMENT-NUMBER: 20020004457

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020004457 A1

TITLE: Herbicidal composition

PUBLICATION-DATE: January 10, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Nevill, David John	Riehen		CH	
Zoschke, Andreas	Weil am Rhein		DE	
Stehli, Andreas	Gipf-Oberfrick		CH	

US-CL-CURRENT: 504/138

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMC
Drawn Desc   Image										

9.. Document ID: US 20010011063 A1

L4: Entry 9 of 27

File: PGPB

Aug 2, 2001

PGPUB-DOCUMENT-NUMBER: 20010011063

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20010011063 A1

TITLE: Substituted 2,4-diamino-1,3,5-triazines, processes for their preparation and their use as herbicides and plant growth regulators

PUBLICATION-DATE: August 2, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Giencke, Wolfgang	Hofheim		DE	
Willms, Lothar	Hofheim		DE	
Auler, Thomas	Bad Soden		DE	
Bieringer, Hermann	Eppstein		DE	
Rosinger, Christopher	Hofheim		DE	

US-CL-CURRENT: 504/231; 544/212

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMC
Drawn Desc   Image										

10. Document ID: US 6495492 B1

L4: Entry 10 of 27

File: USPT

Dec 17, 2002

US-PAT-NO: 6495492

DOCUMENT-IDENTIFIER: US 6495492 B1

TITLE: Substituted 3-aryl-pyrazoles

DATE-ISSUED: December 17, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Schallner; Otto	Monheim			DE
Linker; Karl-Heinz	Leverkusen			DE
Kluth; Joachim	Langenfeld			DE
Drewes; Mark Wilhelm	Langenfeld			DE
Feucht; Dieter	Monheim			DE
Pontzen; Rolf	Leichlingen			DE
Wetcholowsky; Ingo	Estancia Marambaia			BR

US-CL-CURRENT: 504/280; 514/406, 548/375.1

**WEST****Search Results - Record(s) 11 through 20 of 27 returned.** 11. Document ID: US 6486096 B1

L4: Entry 11 of 27

File: USPT

Nov 26, 2002

US-PAT-NO: 6486096

DOCUMENT-IDENTIFIER: US 6486096 B1

TITLE: Herbicidal compositions with acylated aminophenylsulfonylureas

DATE-ISSUED: November 26, 2002

## INVENTOR- INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Hacker; Erwin	Hochheim			DE
Bieringer; Hermann	Eppstein			DE
Schnabel; Gerhard	Grosswallstadt			DE

US-CL-CURRENT: 504/133; 504/128, 504/134, 504/136             
  12. Document ID: US 6475955 B2

L4: Entry 12 of 27

File: USPT

Nov 5, 2002

US-PAT-NO: 6475955

DOCUMENT-IDENTIFIER: US 6475955 B2

TITLE: Pyridazinone derivatives

DATE-ISSUED: November 5, 2002

## INVENTOR- INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Komori; Takashi	Toyonaka			JP

US-CL-CURRENT: 504/238; 544/239, 544/241             
  13. Document ID: US 6455472 B1

L4: Entry 13 of 27

File: USPT

Sep 24, 2002

US-PAT-NO: 6455472

DOCUMENT-IDENTIFIER: US 6455472 B1

TITLE: Phenyl-substituted cyclic enaminones

DATE-ISSUED: September 24, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Fischer; Reiner	Monheim			DE
Wischnat; Ralf	Koln			DE
Drewes; Mark Wilhelm	Langenfeld			DE
Dollinger; Markus	Leverkusen			DE
Erdelen; Christoph	Leichlingen			DE
Feucht; Dieter	Monheim			DE
Wetcholowsky; Ingo	Vinbedo			BR
Wachendorff-Neumann; Ulrike	Neuwied			DE
Philipp; Ulrich	Koln			DE
Rauch; Olga-Tatjana	Kronberg			DE

US-CL-CURRENT: 504/138; 504/130, 540/610, 546/238, 548/566

<a href="#">Full</a>	<a href="#">Title</a>	<a href="#">Citation</a>	<a href="#">Front</a>	<a href="#">Review</a>	<a href="#">Classification</a>	<a href="#">Date</a>	<a href="#">Reference</a>	<a href="#">Sequences</a>	<a href="#">Attachments</a>
<a href="#">Draw Desc</a>	<a href="#">Image</a>								

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 14. Document ID: US 6451740 B2

L4: Entry 14 of 27

File: USPT

Sep 17, 2002

US-PAT-NO: 6451740

DOCUMENT-IDENTIFIER: US 6451740 B2

TITLE: Uracil compounds and use thereof

DATE-ISSUED: September 17, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Tohyama; Yoshitomo	Ashiya			JP
Sanemitsu; Yuzuru	Kobe			JP
Gotou; Tomohiko	Minoo			JP

US-CL-CURRENT: 504/243; 544/312, 544/314

<a href="#">Full</a>	<a href="#">Title</a>	<a href="#">Citation</a>	<a href="#">Front</a>	<a href="#">Review</a>	<a href="#">Classification</a>	<a href="#">Date</a>	<a href="#">Reference</a>	<a href="#">Sequences</a>	<a href="#">Attachments</a>
<a href="#">Draw Desc</a>	<a href="#">Image</a>								

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 15. Document ID: US 6420313 B1

L4: Entry 15 of 27

File: USPT

Jul 16, 2002

US-PAT-NO: 6420313

DOCUMENT-IDENTIFIER: US 6420313 B1

TITLE: Thienylalkylamino-1,3,5-triazines and the use thereof as herbicides

DATE-ISSUED: July 16, 2002

## INVENTOR- INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kirsten; Rolf	Monheim			DE
Riebel; Hans-Jochem	Selters			DE
Lehr; Stefan	Langenfeld			DE
Voigt; Katharina	Monheim			DE
Kather; Kristian	Monheim			DE
Drewes; Mark Wilhelm	Langenfeld			DE
Dollinger; Markus	Overland Park	KS		
Wetcholowsky; Ingo	Vinhedo			BR
Watanabe; Yukiyoshi	Oyama			JP
Goto; Toshio	Kokubunji-machi			JP

US-CL-CURRENT: 504/230; 544/207, 544/209

<a href="#">Full</a>	<a href="#">Title</a>	<a href="#">Citation</a>	<a href="#">Front</a>	<a href="#">Review</a>	<a href="#">Classification</a>	<a href="#">Date</a>	<a href="#">Reference</a>	<a href="#">Sequences</a>	<a href="#">Attachments</a>
<a href="#">Draw</a>	<a href="#">Desc</a>	<a href="#">Image</a>							

KOMC

 16. Document ID: US 6417370 B1

L4: Entry 16 of 27

File: USPT

Jul 9, 2002

US-PAT-NO: 6417370

DOCUMENT-IDENTIFIER: US 6417370 B1

TITLE: Arylphenyl-substituted cyclic keto-enols

DATE-ISSUED: July 9, 2002

## INVENTOR- INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Lieb; Folker	Leverkusen			DE
Fischer; Reiner	Monheim			DE
Graff; Alan	Koln			DE
Schneider; Udo	Leverkusen			DE
Bretschneider; Thomas	Lohmar			DE
Erdelen; Christoph	Leichlingen			DE
Andersch; Wolfram	Bergisch Gladbach			DE
Drewes; Mark-Wilhelm	Langenfeld			DE
Dollinger; Markus	Overland Park	KS		
Wetcholowsky; Ingo	Cond. Estancia Marambaia			BR
Myers; Randy Allen	Overland Park	KS		

US-CL-CURRENT: 548/408; 548/543, 548/544, 548/577

<a href="#">Full</a>	<a href="#">Title</a>	<a href="#">Citation</a>	<a href="#">Front</a>	<a href="#">Review</a>	<a href="#">Classification</a>	<a href="#">Date</a>	<a href="#">Reference</a>	<a href="#">Sequences</a>	<a href="#">Attachments</a>
<a href="#">Draw</a>	<a href="#">Desc</a>	<a href="#">Image</a>							

KOMC

17. Document ID: US 6410484 B1

L4: Entry 17 of 27

File: USPT

Jun 25, 2002

US-PAT-NO: 6410484

DOCUMENT-IDENTIFIER: US 6410484 B1

TITLE: 6-Hydroxy-5,6-dihydouracil compound and herbicidal composition containing thereof

DATE-ISSUED: June 25, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Takano; Minoru	Kameoka			JP
Mishima; Hirofumi	Minoo			JP

US-CL-CURRENT: 504/221, 504/225, 504/243, 544/105, 544/295, 544/309, 544/310,  
544/312, 544/314, 544/52

<a href="#">Full</a>	<a href="#">Title</a>	<a href="#">Citation</a>	<a href="#">Front</a>	<a href="#">Review</a>	<a href="#">Classification</a>	<a href="#">Date</a>	<a href="#">Reference</a>	<a href="#">Sequences</a>	<a href="#">Attachments</a>
<a href="#">Draw</a>	<a href="#">Desc</a>	<a href="#">Image</a>							

KUMC

 18. Document ID: US 6403535 B1

L4: Entry 18 of 27

File: USPT

Jun 11, 2002

US-PAT-NO: 6403535

DOCUMENT-IDENTIFIER: US 6403535 B1

TITLE: Substituted thiazol(in) ylideneamino sulfonylamino  
(thio)carbonyl-triazolinones

DATE-ISSUED: June 11, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Muller; Klaus-Helmut	Dusseldorf			DE
Konig; Klaus	Odenthal			DE
Jansen; Johannes Rudolf	Monheim			DE
Gesing; Ernst Rudolf F.	Erkrath			DE
Drewes; Mark Wilhelm	Langenfeld			DE
Dollinger; Markus	Overland Park	KS		
Wetcholowsky; Ingo	Cond. Estancia Marambaia			BR

US-CL-CURRENT: 504/268; 548/194

<a href="#">Full</a>	<a href="#">Title</a>	<a href="#">Citation</a>	<a href="#">Front</a>	<a href="#">Review</a>	<a href="#">Classification</a>	<a href="#">Date</a>	<a href="#">Reference</a>	<a href="#">Sequences</a>	<a href="#">Attachments</a>
<a href="#">Draw</a>	<a href="#">Desc</a>	<a href="#">Image</a>							

KUMC

 19. Document ID: US 6403534 B1

L4: Entry 19 of 27

File: USPT

Jun 11, 2002

US-PAT-NO: 6403534

DOCUMENT-IDENTIFIER: US 6403534 B1

TITLE: Uracil compounds and use thereof

DATE-ISSUED: June 11, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Komori; Takashi	Toyonaka			JP
Sanemitsu; Yuzuru	Kobe			JP

US-CL-CURRENT: 504/243; 544/312, 544/314

<a href="#">Full</a>	<a href="#">Title</a>	<a href="#">Citation</a>	<a href="#">Front</a>	<a href="#">Review</a>	<a href="#">Classification</a>	<a href="#">Date</a>	<a href="#">Reference</a>	<a href="#">Sequences</a>	<a href="#">Attachments</a>
<a href="#">Draw Desc</a>	<a href="#">Image</a>								

KOMC

 20. Document ID: US 6187920 B1

L4: Entry 20 of 27

File: USPT

Feb 13, 2001

US-PAT-NO: 6187920

DOCUMENT-IDENTIFIER: US 6187920 B1

TITLE: Pyridazinone derivatives

DATE-ISSUED: February 13, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Komori; Takashi	Toyonaka			JP

US-CL-CURRENT: 544/239; 504/238, 544/237, 544/238, 560/168

<a href="#">Full</a>	<a href="#">Title</a>	<a href="#">Citation</a>	<a href="#">Front</a>	<a href="#">Review</a>	<a href="#">Classification</a>	<a href="#">Date</a>	<a href="#">Reference</a>	<a href="#">Sequences</a>	<a href="#">Attachments</a>
<a href="#">Draw Desc</a>	<a href="#">Image</a>								

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## WEST

## Search Results - Record(s) 21 through 27 of 27 returned.

 21. Document ID: US 6114286 A

L4: Entry 21 of 27

File: USPT

Sep 5, 2000

US-PAT-NO: 6114286

DOCUMENT-IDENTIFIER: US 6114286 A

TITLE: Pyrimidinone derivatives

DATE-ISSUED: September 5, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Takano; Minoru	Kameoka			JP

US-CL-CURRENT: 504/240; 504/241, 544/281, 544/282

<a href="#">Full</a>	<a href="#">Title</a>	<a href="#">Citation</a>	<a href="#">Front</a>	<a href="#">Review</a>	<a href="#">Classification</a>	<a href="#">Date</a>	<a href="#">Reference</a>	<a href="#">Sequences</a>	<a href="#">Attachments</a>	<a href="#">Claims</a>	<a href="#">KMC</a>
<a href="#">Draw</a>	<a href="#">Desc</a>	<a href="#">Image</a>									

 22. Document ID: US 5998334 A

L4: Entry 22 of 27

File: USPT

Dec 7, 1999

US-PAT-NO: 5998334

DOCUMENT-IDENTIFIER: US 5998334 A

TITLE: Pyrazole compounds, processes for their production and herbicides containing them

DATE-ISSUED: December 7, 1999

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Murai; Shigeo	Kusatsu			JP
Kikugawa; Hiroshi	Kusatsu			JP
Nakayama; Hitoshi	Kusatsu			JP
Sano; Makiko	Kusatsu			JP
Isogai; Akihiko	Kusatsu			JP

US-CL-CURRENT: 504/282; 546/276.1, 548/369.4

<a href="#">Full</a>	<a href="#">Title</a>	<a href="#">Citation</a>	<a href="#">Front</a>	<a href="#">Review</a>	<a href="#">Classification</a>	<a href="#">Date</a>	<a href="#">Reference</a>	<a href="#">Sequences</a>	<a href="#">Attachments</a>	<a href="#">Claims</a>	<a href="#">KMC</a>
<a href="#">Draw</a>	<a href="#">Desc</a>	<a href="#">Image</a>									

23. Document ID: WO 200271845 A1 DE 10112104 A1

L4: Entry 23 of 27

File: DWPI

Sep 19, 2002

DERWENT-ACC-NO: 2002-691779

DERWENT-WEEK: 200274

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TITLE: Synergistic herbicidal composition, especially for selective weed control in crops such as rice, containing aryl ketone derivative, another herbicide, e.g. acetochlor, and optionally safener

INVENTOR: DAHMEN, P; DREWES, M ; FEUCHT, D ; GOTO, T ; LEHR, S ; MUELLER, K ; PONTZEN, R ; SCHWARZ, H ; SHIRAKURA, S ; DREWES, M W

PRIORITY-DATA: 2001DE-1012104 (March 14, 2001)

## PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
WO 200271845 A1	September 19, 2002	G	121	A01N043/80
DE 10112104 A1	September 26, 2002		000	A01N043/36

INT-CL (IPC): A01 N 43/34; A01 N 43/36; A01 N 43/48; A01 N 43/50; A01 N 43/54; A01 N 43/64; A01 N 43/653; A01 N 43/713; A01 N 43/72; A01 N 43/74; A01 N 43/80; A01 N 43/84; A01 N 43/86; A01 N 43/88; A01 N 61:00; A01 N 43/80; A01 N 43/713; A01 N 43/653; A01 N 43/54; A01 N 43/50

<a href="#">Full</a>	<a href="#">Title</a>	<a href="#">Citation</a>	<a href="#">Front</a>	<a href="#">Review</a>	<a href="#">Classification</a>	<a href="#">Date</a>	<a href="#">Reference</a>	<a href="#">Sequences</a>	<a href="#">Attachments</a>
<a href="#">Draw Desc</a>	<a href="#">Image</a>								<a href="#">KOMC</a>

 24. Document ID: BR 200016120 A DE 19958381 A1 WO 200139597 A2 AU 200126691 A

L4: Entry 24 of 27

File: DWPI

Aug 27, 2002

DERWENT-ACC-NO: 2001-433869

DERWENT-WEEK: 200265

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TITLE: Synergistic herbicidal composition useful for selective weed control in crops, e.g. barley or maize, containing N-phenyl-uracil derivative, another herbicide, e.g. acetochlor, and optionally safener

INVENTOR: ANDREE, R; DAHMEN, P ; DREWES, M W ; FEUCHT, D ; KRAUSKOPF, B ; KREMER, M ; PONTZEN, R ; WETCHOLOWSKY, I ; DREWES, M

PRIORITY-DATA: 1999DE-1058381 (December 3, 1999)

## PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
BR 200016120 A	August 27, 2002		000	A01N043/54
DE 19958381 A1	June 7, 2001		038	A01N043/54
WO 200139597 A2	June 7, 2001	G	000	A01N043/54
AU 200126691 A	June 12, 2001		000	A01N043/54

INT-CL (IPC): A01 N 25/32; A01 N 33/18; A01 N 37/22; A01 N 39/04; A01 N 43/00; A01 N 43/50; A01 N 43/54; A01 N 43/653; A01 N 43/70; A01 N 43/707; A01 N 43/80; A01 N 43/824; A01 N 47/36; A01 N 47/38; A01 N 57/20; A01 N 57/20; A01 N 47:38; A01 N 47:36; A01 N 43:824; A01 N 43:80; A01 N 43:707; A01 N 43:70; A01 N 43:653; A01 N

43:50 ; A01 N 43/54; A01 N 39:04; A01 N 37:22; A01 N 33:18

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Drawn Desc	Clip Img	Image							KMC

25. Document ID: CZ 200201693 A3 DE 19960778 A1 WO 200135740 A2 AU 200110287 A BR 200015668 A

L4: Entry 25 of 27

File: DWPI

Aug 14, 2002

DERWENT-ACC-NO: 2001-458241

DERWENT-WEEK: 200263

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TITLE: Synergistic herbicidal composition useful for selective weed control in crops, especially cereals, comprises pyridine derivative, another herbicide, e.g. flufenacet, and optionally safener and/or further herbicide

INVENTOR: DAHMEN, P; FEUCHT, D ; KRAUSKOPF, B ; KREMER, M ; WELLMANN, A

PRIORITY-DATA: 1999DE-1055128 (November 17, 1999)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
CZ 200201693 A3	August 14, 2002		000	A01N043/40
DE 19960778 A1	May 23, 2001		014	A01N043/40
WO 200135740 A2	May 25, 2001	G	000	A01N043/40
AU 200110287 A	May 30, 2001		000	A01N043/40
BR 200015668 A	July 23, 2002		000	A01N043/40

INT-CL (IPC) : A01 N 25/32; A01 N 37/22; A01 N 43/40; A01 N 43/56; A01 N 43/653; A01 N 43/707; A01 N 43/713; A01 N 43/78 ; A01 N 43/824; A01 N 47/00; A01 N 47/36; A01 N 47/38; A01 N 47:38; A01 N 47:38; A01 N 47:36; A01 N 47:36 ; A01 N 43:824; A01 N 43:824; A01 N 43:78; A01 N 43:78; A01 N 43:713; A01 N 43:713; A01 N 43:707; A01 N 43:707; A01 N 43:56; A01 N 43:56; A01 N 43/56; A01 N 43/40; A01 N 37:22; A01 N 37:22

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Drawn Desc	Clip Img	Image							KMC

26. Document ID: CZ 200201728 A3 DE 19960918 A1 WO 200135741 A2 AU 200110294 A BR 200015701 A EP 1233672 A2

L4: Entry 26 of 27

File: DWPI

Oct 16, 2002

DERWENT-ACC-NO: 2001-443205

DERWENT-WEEK: 200279

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TITLE: Synergistic herbicidal composition useful for selective weed control in crops, especially cereals, containing tritosulfuron, and other specific herbicides, e.g. flufenacet, and optionally safener and/or further herbicide

INVENTOR: DAHMEN, P; FEUCHT, D ; KRAUSKOPF, B ; KREMER, M ; WELLMANN, A

PRIORITY-DATA: 1999DE-1055407 (November 18, 1999)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
CZ 200201728 A3	October 16, 2002		000	A01N047/36
DE 19960918 A1	May 23, 2001		012	A01N047/36
WO 200135741 A2	May 25, 2001	G	000	A01N047/36
AU 200110294 A	May 30, 2001		000	A01N047/36
BR 200015701 A	July 23, 2002		000	A01N047/36
EP 1233672 A2	August 28, 2002	G	000	A01N047/36

INT-CL (IPC) : A01 N 39/00; A01 N 43/00; A01 N 47/36

<a href="#">Full</a>	<a href="#">Title</a>	<a href="#">Citation</a>	<a href="#">Front</a>	<a href="#">Review</a>	<a href="#">Classification</a>	<a href="#">Date</a>	<a href="#">Reference</a>	<a href="#">Sequences</a>	<a href="#">Attachments</a>	<a href="#">KMC</a>
<a href="#">Draw Desc</a>	<a href="#">Image</a>									

27. Document ID: KR 2002035601 A DE 19962017 A1 WO 200122819 A1 AU 200075198 A BR 200014670 A CZ 200201141 A3 EP 1221848 A1

L4: Entry 27 of 27

File: DWPI

May 11, 2002

DERWENT-ACC-NO: 2001-382758

DERWENT-WEEK: 200272

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TITLE: Synergistic herbicidal agents containing N-aryl-triazolinone and N-aryl-triazolinethione derivatives, useful for selective weed control in crops

INVENTOR: DAHMEN, P; DREWES, M W ; FEUCHT, D ; HAAS, W ; KRAUSKOPF, B ; KREMER, M ; PONTZEN, R ; WELLMANN, A ; DREWES, M

PRIORITY-DATA: 1999DE-1046855 (September 30, 1999)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
KR 2002035601 A	May 11, 2002		000	A01N043/653
DE 19962017 A1	April 5, 2001		014	A01N043/653
WO 200122819 A1	April 5, 2001	G	000	A01N043/653
AU 200075198 A	April 30, 2001		000	A01N043/653
BR 200014670 A	June 18, 2002		000	A01N043/653
CZ 200201141 A3	June 12, 2002		000	A01N043/653
EP 1221848 A1	July 17, 2002	G	000	A01N043/653

INT-CL (IPC) : A01 N 25/32; A01 N 43/653

<a href="#">Full</a>	<a href="#">Title</a>	<a href="#">Citation</a>	<a href="#">Front</a>	<a href="#">Review</a>	<a href="#">Classification</a>	<a href="#">Date</a>	<a href="#">Reference</a>	<a href="#">Sequences</a>	<a href="#">Attachments</a>	<a href="#">KMC</a>
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## WEST

## Search Results - Record(s) 1 through 10 of 18 returned.

 1. Document ID: US 20020133007 A1

L5: Entry 1 of 18

File: PGPB

Sep 19, 2002

PGPUB-DOCUMENT-NUMBER: 20020133007

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020133007 A1

TITLE: Substituted benzene compounds, process for their preparation, and herbicidal and defoliant compositions containing them

PUBLICATION-DATE: September 19, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Gupta, Sandeep	Concord	OH	US	
Wu, Shao-Yong	Fremont	CA	US	
Tsukamoto, Masamitsu	Mayfield Heights	OH	US	
Pulman, David A.	Mentor	OH	US	
Ying, Bai-Ping	Indianapolis	IN	US	

US-CL-CURRENT: 544/235; 544/236, 544/239, 544/309, 548/251, 548/263.2, 548/377.1,  
548/476

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KOMC
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 2. Document ID: US 20020107148 A1

L5: Entry 2 of 18

File: PGPB

Aug 8, 2002

PGPUB-DOCUMENT-NUMBER: 20020107148

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020107148 A1

TITLE: Herbicidal composition

PUBLICATION-DATE: August 8, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Crosby, Kevin E.	Concord	OH	US	
Schussler, Jeffrey R.	Chardon	OH	US	
Haga, Takahiro	Shiga-ken		JP	

US-CL-CURRENT: 504/127; 504/130, 504/131, 504/133, 504/136, 504/137

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KOMC
<a href="#">Draw</a>	<a href="#">Desc</a>	<a href="#">Image</a>								

3. Document ID: US 20020094934 A1

L5: Entry 3 of 18

File: PGPB

Jul 18, 2002

PGPUB-DOCUMENT-NUMBER: 20020094934

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020094934 A1

TITLE: HERBICIDAL COMPOSITIONS FOR TOLERANT OR RESISTANT MAIZE CROPS

PUBLICATION-DATE: July 18, 2002

## INVENTOR- INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
HACKER, ERWIN	HOCHHEIM		DE	
BIERINGER, HERMANN	EPPSTEIN		DE	
WILLMS, LOTHAR	HOFHEIM		DE	

US-CL-CURRENT: 504/127; 504/128

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KOMC
<a href="#">Draw</a>	<a href="#">Desc</a>	<a href="#">Image</a>								

4. Document ID: US 20020055436 A1

L5: Entry 4 of 18

File: PGPB

May 9, 2002

PGPUB-DOCUMENT-NUMBER: 20020055436

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020055436 A1

TITLE: Combinations of crop protection agents with organic or inorganic carrier materials

PUBLICATION-DATE: May 9, 2002

## INVENTOR- INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Krause, Hans-Peter	Hofheim		DE	
Schnabel, Gerhard	Elsenfeld		DE	
Frisch, Gerhard	Wehrheim		DE	
Wurtz, Jochen	Bingen am Rhein		DE	
Bickers, Udo	Wietmarschen		DE	
Hacker, Erwin	Hochheim		DE	
Auler, Thomas	Bad Soden		DE	
Melendez, Alvaro	Schwalbach		DE	
Haase, Detlev	Frankfurt		DE	

US-CL-CURRENT: 504/118; 504/103, 504/359, 504/360, 504/361, 514/772, 514/949,  
514/950, 514/962, 514/963

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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 5. Document ID: US 20020055435 A1

L5: Entry 5 of 18

File: PGPB

May 9, 2002

PGPUB-DOCUMENT-NUMBER: 20020055435  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20020055435 A1

TITLE: Herbicidal mixtures

PUBLICATION-DATE: May 9, 2002

## INVENTOR- INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Baltruschat, Helmut Siegfried	Schweppenhausen		DE	
Brandt, Astrid	Mainz		DE	

US-CL-CURRENT: 504/103; 504/104, 504/105, 504/106, 504/107, 504/108, 504/109,  
504/110, 504/111, 504/112

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc					KMC				

 6. Document ID: US 20020019314 A1

L5: Entry 6 of 18

File: PGPB

Feb 14, 2002

PGPUB-DOCUMENT-NUMBER: 20020019314  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20020019314 A1

TITLE: Combinations of crop protection agents with cationic polymers

PUBLICATION-DATE: February 14, 2002

## INVENTOR- INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Frisch, Gerhard	Wehrheim		DE	
de Una, Julio Martinez	Liederbach		DE	
Bickers, Udo	Wietmarschen		DE	
Hacker, Erwin	Hochheim		DE	
Huff, Hans Philipp	Eppstein		DE	
Schnabel, Gerhard	Elsenfeld		DE	

US-CL-CURRENT: 504/358; 514/788

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc					KMC				

7. Document ID: US 20010044382 A1

L5: Entry 7 of 18

File: PGPB

Nov 22, 2001

PGPUB-DOCUMENT-NUMBER: 20010044382  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20010044382 A1

TITLE: Herbicide

PUBLICATION-DATE: November 22, 2001

## INVENTOR- INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Ruegg, Willy	Gipf-Oberfrick		CH	

US-CL-CURRENT: 504/139; 504/149

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMC
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 8. Document ID: US 20010031704 A1

L5: Entry 8 of 18

File: PGPB

Oct 18, 2001

PGPUB-DOCUMENT-NUMBER: 20010031704  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20010031704 A1

TITLE: Herbicidal compositions for tolerant or resistant rice crops

PUBLICATION-DATE: October 18, 2001

## INVENTOR- INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Hacker, Erwin	Hochheim		DE	
Bieringer, Hermann	Eppstein		DE	
Willms, Lothar	Hofheim		DE	

US-CL-CURRENT: 504/127

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMC
Draw Desc	Image									

 9. Document ID: US 20010004628 A1

L5: Entry 9 of 18

File: PGPB

Jun 21, 2001

PGPUB-DOCUMENT-NUMBER: 20010004628  
PGPUB-FILING-TYPE: new-utility  
DOCUMENT-IDENTIFIER: US 20010004628 A1

TITLE: Herbicidal composition

PUBLICATION-DATE: June 21, 2001

## INVENTOR- INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE - 47
Ruegg, Willy	Gipf-Oberfrick		CH	

US-CL-CURRENT: 504/129

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KOMC
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 10. Document ID: US 6486157 B1

L5: Entry 10 of 18

File: USPT

Nov 26, 2002

US-PAT-NO: 6486157

DOCUMENT-IDENTIFIER: US 6486157 B1

TITLE: Use of insecticides in pest control

DATE-ISSUED: November 26, 2002

## INVENTOR- INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Lee, Bruce	Bad Krozingen			DE

US-CL-CURRENT: 514/242

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KOMC
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## Search Results - Record(s) 11 through 18 of 18 returned.

 11. Document ID: US 6455469 B1

L5: Entry 11 of 18

File: USPT

Sep 24, 2002

US-PAT-NO: 6455469

DOCUMENT-IDENTIFIER: US 6455469 B1

TITLE: Herbicidal composition

DATE-ISSUED: September 24, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Crosby; Kevin E.	Concord	OH		
Schussler; Jeffrey R.	Chardon	OH		
Haga; Takahiro	Shiga-ken			JP

US-CL-CURRENT: 504/127; 504/130, 504/131, 504/133, 504/136, 504/137, 504/138,  
504/139, 504/140, 504/141, 504/142, 504/143, 504/144, 504/146, 504/147, 504/148[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#) [KMC](#)  
[Draw Desc](#) [Image](#) 12. Document ID: US 6413907 B2

L5: Entry 12 of 18

File: USPT

Jul 2, 2002

US-PAT-NO: 6413907

DOCUMENT-IDENTIFIER: US 6413907 B2

TITLE: Herbicidal composition

DATE-ISSUED: July 2, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Ruegg; Willy	Gipf-Oberfrick			CH

US-CL-CURRENT: 504/105; 504/106, 504/107, 504/108, 504/133, 504/136, 504/137[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#) [KMC](#)  
[Draw Desc](#) [Image](#) 13. Document ID: US 6355799 B1

L5: Entry 13 of 18

File: USPT

Mar 12, 2002

US-PAT-NO: 6355799

DOCUMENT-IDENTIFIER: US 6355799 B1

TITLE: Substituted benzene compounds, process for their preparation, and herbicidal and defoliant compositions containing them

DATE-ISSUED: March 12, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Gupta; Sandeep	Concord	OH		
Wu; Shao-Yong	Fremont	CA		
Tsukamoto; Masamitsu	Mayfield Heights	OH		
Pulman; David A.	Mentor	OH		
Ying; Bai-Ping	Indianapolis	IN		

US-CL-CURRENT: 544/309; 544/311, 544/312

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KOMC
Draw	Desc	Image								

 14. Document ID: US 6300323 B1

L5: Entry 14 of 18

File: USPT

Oct 9, 2001

US-PAT-NO: 6300323

DOCUMENT-IDENTIFIER: US 6300323 B1

TITLE: (Poly)ethereal ammonium salts of herbicides bearing acidic moieties and their use as herbicides

DATE-ISSUED: October 9, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Haga; Takahiro	Concord	OH		
Crosby; Kevin E.	Concord	OH		
Schussler; Jeffrey R.	Chardon	OH		

US-CL-CURRENT: 514/76; 514/114, 562/553

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KOMC
Draw	Desc	Image								

 15. Document ID: US 6294503 B1

L5: Entry 15 of 18

File: USPT

Sep 25, 2001

US-PAT-NO: 6294503

DOCUMENT-IDENTIFIER: US 6294503 B1

TITLE: Fused heterocycle compounds, process for their preparation, and herbicidal

compositions containing them

DATE-ISSUED: September 25, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Gupta; Sandeep	Concord	OH		
Wu; Shao-Yong	Willoughby Hills	OH		
Tsukamoto; Masamitsu	Mayfield Hts.	OH		
Ying; Bai-Ping	Concord	OH		
Pulman; David A.	Mentor	OH		

US-CL-CURRENT: 504/225; 544/105

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Drawn Desc		Image							

KOMC

16. Document ID: US 6046134 A

L5: Entry 16 of 18

File: USPT

Apr 4, 2000

US-PAT-NO: 6046134

DOCUMENT-IDENTIFIER: US 6046134 A

TITLE: Herbicidal mixtures

DATE-ISSUED: April 4, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
De Gennaro; Francis Patrick	West Des Moines	IA		
Smith, III; William Francis	Elkton	MD		

US-CL-CURRENT: 504/133; 504/136

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Drawn Desc		Image							

KOMC

17. Document ID: DE 19919993 A1

L5: Entry 17 of 18

File: EPAB

Nov 2, 2000

PUB-NO: DE019919993A1

DOCUMENT-IDENTIFIER: DE 19919993 A1

TITLE: Control of weeds in tolerant maize crops uses herbicidal combination containing glufosinate, glyphosate, imidazolinone, azole, cyclohexanedione or heteroaryloxyphenoxypropionic acid herbicide

PUBN-DATE: November 2, 2000

INVENTOR-INFORMATION:

NAME	COUNTRY
HACKER, ERWIN	DE
BIERINGER, HERMANN	DE
WILLMS, LOTHAR	DE

INT-CL (IPC) : A01 N 57/20; A01 N 43/50  
EUR-CL (EPC) : A01N057/20

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw	Desc	Image							

KUIC

18. Document ID: WO 200008936 A1 AU 9957321 A DE 19919993 A1 BR 9913638 A EP 1104243 A1 CZ 200100558 A3 SK 200100211 A3 CN 1312682 A ZA 200101143 A MX 2001001651 A1 HU 200104049 A2 US 20020094934 A1 JP 2002522458 W

L5: Entry 18 of 18

File: DWPI

Feb 24, 2000

DERWENT-ACC-NO: 2000-224122

DERWENT-WEEK: 200264

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**TITLE: Control of weeds in tolerant maize crops uses herbicidal combination containing glufosinate, glyphosate, imidazolinone, azole, cyclohexanedione or heteroaryloxyphenoxypropionic acid herbicide**

INVENTOR: BIERINGER, H; HACKER, E ; WILLMS, L

PRIORITY-DATA: 1999DE-1019993 (April 30, 1999), 1998DE-1036737 (August 13, 1998), 2001ZA-0001143 (February 9, 2001)

PATENT - FAMILY :

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
WO 200008936 A1	February 24, 2000	G	069	A01N057/20
AU 9957321 A	March 6, 2000		000	A01N057/20
DE 19919993 A1	November 2, 2000		000	A01N057/20
BR 9913638 A	May 22, 2001		000	A01N057/20
EP 1104243 A1	June 6, 2001	G	000	A01N057/20
CZ 200100558 A3	June 13, 2001		000	A01N057/20
SK 200100211 A3	August 6, 2001		000	A01N057/20
CN 1312682 A	September 12, 2001		000	A01N057/20
ZA 200101143 A	January 30, 2002		083	A01N000/00
MX 2001001651 A1	June 1, 2001		000	A01N033/18
HU 200104049 A2	April 29, 2002		000	A01N057/20
US 20020094934 A1	July 18, 2002		000	A01N057/00
JP 2002522458 W	July 23, 2002		072	A01N057/20

47:06; A01 N 47:36; A01 N 57/20; A01 N 33:18; A01 N 37:22; A01 N 37:40; A01 N 39:04;  
A01 N 41:10; A01 N 43:10; A01 N 43:40; A01 N 43:50; A01 N 43:70; A01 N 43:80; A01 N  
43:824; A01 N 43:90; A01 N 47:06; A01 N 47:36; A01 N 57/20

[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#) KOMC

[Draw Desc](#) [Clip Img](#) [Image](#)

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## WEST

  

L5: Entry 3 of 18

File: PGPB

Jul 18, 2002

PGPUB-DOCUMENT-NUMBER: 20020094934  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20020094934 A1

TITLE: HERBICIDAL COMPOSITIONS FOR TOLERANT OR RESISTANT MAIZE CROPS

PUBLICATION-DATE: July 18, 2002

## INVENTOR- INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
HACKER, ERWIN	HOCHHEIM		DE	
BIERINGER, HERMANN	EPPSTEIN		DE	
WILLMS, LOTHAR	HOFHEIM		DE	

APPL-NO: 09/ 370373 [PALM]  
DATE FILED: August 10, 1999

CONTINUED PROSECUTION APPLICATION: This is a publication of a continued prosecution application (CPA) filed under 37 CFR 1.53(d).

## FOREIGN-APPL-PRIORITY-DATA:

COUNTRY	APPL-NO	DOC-ID	APPL-DATE
DE	198 36 737.6	1998DE-198 36 737.6	August 13, 1998
DE	199 19 993.0	1998DE-199 19 993.0	April 30, 1998

INT-CL: [07] A01 N 57/00

US-CL-PUBLISHED: 504/127; 504/128  
US-CL-CURRENT: 504/127; 504/128

## ABSTRACT:

Herbicide combinations (A)+(B), if appropriate in the presence of safeners, with an effective content of

(A) broad-spectrum herbicides from the group

(A1) glufosinate (salts) and related compounds

(A2) glyphosate (salts) and related compounds such as sulfosate,

(A3) imidazolinones,

(A4) herbicidal azoles from the group of the protoporphyrinogen oxidase inhibitors (PPO inhibitors)

(A5) cyclohexanedione herbicides and

(A6) heteroaryloxyphenoxypropionic acid herbicides and

(B) one or more herbicides from the group of the compounds consisting of

- (B0) one or more structurally different herbicides from the abovementioned group (A) or
- (B1) foliar- and soil-acting herbicides against monocotyledonous and dicotyledonous harmful plants or
- (B2) herbicides which can be employed selectively in maize against dicots, or
- (B3) foliar- and soil-acting herbicides which can be employed selectively in maize, predominantly against dicotyledonous harmful plants,

or herbicides from several of groups (B0) to (B3)

are suitable for controlling harmful plants in maize which consists of tolerant or resistant mutants or transgenic maize plants and the maize crops are tolerant to the herbicides (A) and (B), if appropriate in the presence of safeners, which are contained in the combination.

## WEST

  

L5: Entry 8 of 18

File: PGPB

Oct 18, 2001

PGPUB-DOCUMENT-NUMBER: 20010031704  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20010031704 A1

TITLE: Herbicidal compositions for tolerant or resistant rice crops

PUBLICATION-DATE: October 18, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Hacker, Erwin	Hochheim		DE	
Bieringer, Hermann	Eppstein		DE	
Willms, Lothar	Hofheim		DE	

APPL-NO: 09/ 813556 [PALM]  
DATE FILED: March 21, 2001

## RELATED-US-APPL-DATA:

Application 09/813556 is a continuation-of US application 09/371611, filed August 10, 1999, PENDING

## FOREIGN-APPL-PRIORITY-DATA:

COUNTRY	APPL-NO	DOC-ID	APPL-DATE
DE	198 36 684.1	1998DE-198 36 684.1	August 13, 1998

INT-CL: [07] A01 N 57/00

US-CL-PUBLISHED: 504/127

US-CL-CURRENT: 504/127

## ABSTRACT:

Herbicide combinations (A)+(B), if appropriate in the presence of safeners, with an effective content of

(A) broad-spectrum herbicides from the group

(A1) glufosinate (salts) and related compounds

(A2) glyphosate (salts) and related compounds such as sulfosate,

(A3) imidazolinones such as imazethapyr, imazapyr, imazaquin, imazamox or their salts and

(A4) herbicidal azoles from the group of the protoporphyrinogen oxidase inhibitors (PPO inhibitors)

and

(B) one or more herbicides from the group consisting of

(B0) one or more structurally different herbicides from the abovementioned group (A) or

(B1) foliar- and soil-acting herbicides effective against selectively in rice monocotyledonous and dicotyledonous harmful plants (residual action) or

(B2) herbicides which are effective selectively in rice against dicotyledonous harmful plants and/or sedges, and/or

(B3) foliar-acting herbicides which are effective selectively in rice against monocotyledonous harmful plants, and/or

(B4) foliar- and soil-acting herbicides which are effective selectively in rice against monocotyledonous harmful plants,

herbicides from several of groups (B0) to (B4)

are suitable for controlling harmful plants in rice which consists of tolerant or resistant mutants or transgenic rice plants and the rice crops are tolerant to the herbicides (A) and (B), if appropriate in the presence of safeners, which are contained in the combination.

## WEST

  

L5: Entry 17 of 18

File: EPAB

Nov 2, 2000

PUB-N0: DE019919993A1

DOCUMENT-IDENTIFIER: DE 19919993 A1

TITLE: Control of weeds in tolerant maize crops uses herbicidal combination containing glufosinate, glyphosate, imidazolinone, azole, cyclohexanedione or heteroaryloxyphenoxypropionic acid herbicide

PUBN-DATE: November 2, 2000

## INVENTOR-INFORMATION:

NAME	COUNTRY
HACKER, ERWIN	DE
BIERINGER, HERMANN	DE
WILLMS, LOTHAR	DE

## ASSIGNEE-INFORMATION:

NAME	COUNTRY
AVENTIS CROPSCIENCE GMBH	DE

APPL-NO: DE19919993

APPL-DATE: April 30, 1999

PRIORITY-DATA: DE19919993A (April 30, 1999)

INT-CL (IPC): A01 N 57/20; A01 N 43/50

EUR-CL (EPC): A01N057/20

## ABSTRACT:

CHG DATE=20010403 STATUS=N>Weeds in tolerant maize crops are controlled by the application of a herbicidal combination comprising a glufosinate (I) or its esters, salts or phosphinothrinicin derivatives, glyphosate (II) or its ester or salt, imidazolinone, protoporphyrinogen oxidase-inhibiting azole, cyclohexanedione or heteroaryloxyphenoxypropionic acid herbicide and selective or non-selective herbicides. Control of weeds in tolerant maize crops comprises the application of a herbicidal combination comprising: (A) a glufosinate of formula (I) or its esters, salts or phosphinothrinicin derivatives, glyphosate of formula (II) or its esters and salts, imidazolinone, protoporphyrinogen oxidase-inhibiting azole, cyclohexanedione or heteroaryloxyphenoxypropionic acid herbicide; and (B) herbicide(s) which are: (a) structurally different from herbicides (A); (b) active against monocot and dicot weeds via foliage or soil; (c) active selectively against dicots in maize; and/or (d) active selectively predominantly against dicot weeds via foliage or soil; and (C) optionally a safener. Z = OH, -NHCH(CH<sub>3</sub>)CONHCH(CH<sub>3</sub>)COOH or -NHCH(CH<sub>3</sub>)CONHCH(CH<sub>2</sub>CH(-CH<sub>3</sub>)<sub>2</sub>)COOH. Independent claims are also included for: (i) the use of the combination for regulating the growth of maize plants or for influencing the yield or components of maize; and (ii) a herbicidal composition containing (A) and cyanazine, acetochlor, alachlor, terbutryn, benoxacor, fluthiamide, sulcotriione, mesotriione, pentoxazamid, pendimethalin, iodosulfuron, metosulfuron, isoxaflutole, metribuzin, cloransulfuron, flumetsulfuron, isoxachlortole, bromoxynil, clopyralid, carfentrazone, Lab271272, halosulfuron, diflufenzopyr and/or sulfosulfuron as (B) and optionally adjuvants and formulation aids.

## WEST

## End of Result Set

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L5: Entry 18 of 18

File: DWPI

Feb 24, 2000

DERWENT-ACC-NO: 2000-224122

DERWENT-WEEK: 200264

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**TITLE:** Control of weeds in tolerant maize crops uses herbicidal combination containing glufosinate, glyphosate, imidazolinone, azole, cyclohexanedione or heteroaryloxyphenoxypropionic acid herbicide

**INVENTOR:** BIERINGER, H; HACKER, E ; WILLMS, L

**PATENT-ASSIGNEE:** AVENTIS CROPSCIENCE GMBH (AVET), HOECHST-SCHERING AGREVO GMBH (AGRE), BIERINGER H (BIERI), HACKER E (HACKI), WILLMS L (WILLI)

**PRIORITY-DATA:** 1999DE-1019993 (April 30, 1999), 1998DE-1036737 (August 13, 1998), 2001ZA-0001143 (February 9, 2001)

**PATENT-FAMILY:**

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
WO 200008936 A1	February 24, 2000	G	069	A01N057/20
AU 9957321 A	March 6, 2000		000	A01N057/20
DE 19919993 A1	November 2, 2000		000	A01N057/20
BR 9913638 A	May 22, 2001		000	A01N057/20
EP 1104243 A1	June 6, 2001	G	000	A01N057/20
CZ 200100558 A3	June 13, 2001		000	A01N057/20
SK 200100211 A3	August 6, 2001		000	A01N057/20
CN 1312682 A	September 12, 2001		000	A01N057/20
ZA 200101143 A	January 30, 2002		083	A01N000/00
MX 2001001651 A1	June 1, 2001		000	A01N033/18
HU 200104049 A2	April 29, 2002		000	A01N057/20
US 20020094934 A1	July 18, 2002		000	A01N057/00
JP 2002522458 W	July 23, 2002		072	A01N057/20

**DESIGNATED-STATES:** AE AL AM AU AZ BA BB BG BR BY CA CN CR CU CZ DM EE GD GE HR HU ID IL IN IS JP KG KP KR KZ LC LK LR LT LV MD MG MK MN MX NO NZ PL RO RU SG SI SK SL TJ TM TR TT UA UZ VN YU ZA AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL OA PT SD SE SL SZ UG ZW AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI

**APPLICATION-DATA:**

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
WO 200008936A1	August 10, 1999	1999WO-EP05796	
AU 9957321A	August 10, 1999	1999AU-0057321	
AU 9957321A		WO 200008936	Based on
DE 19919993A1	April 30, 1999	1999DE-1019993	
BR 9913638A	August 10, 1999	1999BR-0013638	
BR 9913638A	August 10, 1999	1999WO-EP05796	
BR 9913638A		WO 200008936	Based on
EP 1104243A1	August 10, 1999	1999EP-0944356	
EP 1104243A1	August 10, 1999	1999WO-EP05796	
EP 1104243A1		WO 200008936	Based on
CZ 200100558A3	August 10, 1999	1999WO-EP05796	
CZ 200100558A3	August 10, 1999	2001CZ-0000558	
CZ 200100558A3		WO 200008936	Based on
SK 200100211A3	August 10, 1999	1999WO-EP05796	
SK 200100211A3	August 10, 1999	2001SK-0000211	
SK 200100211A3		WO 200008936	Based on
CN 1312682A	August 10, 1999	1999CN-0809611	
ZA 200101143A	February 9, 2001	2001ZA-0001143	
MX2001001651A1	February 13, 2001	2001MX-0001651	
HU 200104049A2	August 10, 1999	1999WO-EP05796	
HU 200104049A2	August 10, 1999	2001HU-0004049	
HU 200104049A2		WO 200008936	Based on
US20020094934A1	August 10, 1999	1999US-0370373	
JP2002522458W	August 10, 1999	1999WO-EP05796	
JP2002522458W	August 10, 1999	2000JP-0564450	
JP2002522458W		WO 200008936	Based on

INT-CL (IPC) : A01 N 0/00; A01 N 33/18; A01 N 33:18; A01 N 35/06; A01 N 37/22; A01 N 37/34; A01 N 37/40; A01 N 39/04; A01 N 41/10; A01 N 43/08; A01 N 43/10; A01 N 43/40; A01 N 43/50; A01 N 43/58; A01 N 43/653; A01 N 43/70; A01 N 43/707; A01 N 43/80; A01 N 43/824; A01 N 43/84; A01 N 43/90; A01 N 47/06; A01 N 47/30; A01 N 47/34; A01 N 47/36; A01 N 57/00; A01 N 57/20; A01 N 33:18; A01 N 37:22; A01 N 37:40; A01 N 39:04; A01 N 41:10; A01 N 43:10; A01 N 43:40; A01 N 43:50; A01 N 43:70; A01 N 43:80; A01 N 43:824; A01 N 43:90; A01 N 47:06; A01 N 47:36; A01 N 57/20; A01 N 37:22; A01 N 37:40; A01 N 39:04; A01 N 41:10; A01 N 43:10; A01 N 43:40; A01 N 43:50; A01 N 43:70; A01 N 43:80; A01 N 43:824; A01 N 43:90; A01 N 47:06; A01 N 47:36; A01 N 57/20; A01 N 43:40; A01 N 43:50; A01 N 43:70; A01 N 43:80; A01 N 43:824; A01 N 43:90; A01 N 47:06; A01 N 47:36; A01 N 57/20

RELATED-ACC-NO: 2000-206893

ABSTRACTED-PUB-NO: WO 200008936A

BASIC-ABSTRACT:

NOVELTY - Weeds in tolerant maize crops are controlled by the application of a herbicidal combination comprising a glufosinate (I) or its esters, salts or phosphinothrinic derivatives, glyphosate (II) or its ester or salt, imidazolinone, protoporphyrinogen oxidase-inhibiting azole, cyclohexanedione or heteroaryloxyphenoxypropionic acid herbicide and selective or non-selective herbicides.

DETAILED DESCRIPTION - Control of weeds in tolerant maize crops comprises the application of a herbicidal combination comprising:

(A) a glufosinate of formula (I) or its esters, salts or phosphinothricin derivatives, glyphosate of formula (II) or its esters and salts, imidazolinone, protoporphyrinogen oxidase-inhibiting azole, cyclohexanedione or heteroaryloxyphenoxypropionic acid herbicide; and

(B) herbicide(s) which are: (a) structurally different from herbicides (A); (b) active against monocot and dicot weeds via foliage or soil; (c) active selectively against dicots in maize; and/or (d) active selectively predominantly against dicot weeds via foliage or soil; and

(C) optionally a safener.

Z = OH, -NHCH(CH<sub>3</sub>)CONHCH(CH<sub>3</sub>)COOH or -NHCH(CH<sub>3</sub>)CONHCH(CH<sub>2</sub>CH(CH<sub>3</sub>)<sub>2</sub>)COOH.

INDEPENDENT CLAIMS are also included for:

(i) the use of the combination for regulating the growth of maize plants or for influencing the yield or components of maize; and

(ii) a herbicidal composition containing (A) and cyanazine, acetochlor, alachlor, terbutryne, benoxacor, fluthiamide, sulcotrione, mesotrione, penthoxamid, pendimethalin, iodosulfuron, metosulam, isoxaflutole, metribuzin, cloransulam, flumetsulam, florasulam, isoxachlortole, bromoxynil, clopyralid, carfentrazone, Lab271272, halosulfuron, diflufenzoxyr and/or sulfosulfuron as (B) and optionally adjuvants and formulation aids.

USE - The method is used especially for the control of weeds, e.g. Digitaria sanguinalis, Panicum dichotomiflorum, Euphorbia heterophylla, Phagopyron esculentum, Lolium multiflorum, Avena fatua and Sorghum halepense in tolerant or resistant mutant or transgenic maize crops.

ADVANTAGE - Combination of (A) and (B) has a synergistic effect. This confers economical and economical benefits, including the use of lower doses of (A) and (B), broader efficacy, extension of the treatment period and/or reduction in the number of applications required.

ABSTRACTED-PUB-NO: WO 200008936A

EQUIVALENT-ABSTRACTS:

CHOSEN-DRAWING: Dwg.0/0

DERWENT-CLASS: C01 C02 C03

CPI-CODES: C05-B01P; C06-D08; C06-H; C07-D09; C07-D13; C07-H; C10-D03; C10-F02; C14-V02B;

**WEST****Search Results - Record(s) 1 through 1 of 1 returned.**

1. Document ID: US 6436439 B1

L7: Entry 1 of 1

File: USPT

Aug 20, 2002

US-PAT-NO: 6436439

DOCUMENT-IDENTIFIER: US 6436439 B1

TITLE: Gel formulation

DATE-ISSUED: August 20, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Landham; Rowena Roshanthi	Sittingbourne			GB
Sohm; Rupert Heinrich	Tonbridge			GB

US-CL-CURRENT: 424/484; 424/405, 516/111

<a href="#">Full</a>	<a href="#">Title</a>	<a href="#">Citation</a>	<a href="#">Front</a>	<a href="#">Review</a>	<a href="#">Classification</a>	<a href="#">Date</a>	<a href="#">Reference</a>	<a href="#">Sequences</a>	<a href="#">Attachments</a>
<a href="#">Draw Desc</a>	<a href="#">Image</a>								

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Terms	Documents
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L7: Entry 1 of 1

File: USPT

Aug 20, 2002

DOCUMENT-IDENTIFIER: US 6436439 B1

TITLE: Gel formulation

Brief Summary Text (23):

The word agrochemical includes an active ingredient such as a herbicide {such as a benzo-2,1,3-thiadiazin-4-one-2,2-dioxide (for example bentazone), a hormone herbicide (for example a phenoxy alkanoic acid such as MCPA, MCPA-thioethyl, dichlorprop, 2,4,5-T, MCPB, 2,4-D, 2,4-DB, mecoprop, trichlopyr, fluroxypyr or clopyralid or a derivative thereof (for example a salt, ester or amide thereof)), a 1,3 dimethylpyrazole derivative (for example pyrazoxyfen, pyrazolate or benzofenap), a dinitrophenol or a derivative thereof (for example dinoterb, dinoseb or its ester or dinoseb acetate), a dinitroaniline (for example dinitramine, trifluralin, ethalflurolin, pendimethalin or oryzalin), an arylurea (such as diuron, flumeturon, metoxuron, neburon, isoproturon, chlorotoluron, chloroxuron, linuron, monolinuron, chlorbromuron, daimuron or methabenzthiazuron), a phenylcarbamoyloxyphenylcarbamate (such as phenmedipham or desmedipham), a 2-phenylpyridazin-3-one (such as chloridazon or norflurazon), a uracil (such as lenacil, bromacil or terbacil), a triazine (such as atrazine, simazine, aziprotryne, cyanazine, prometryn, dimethametryn, simetryne or terbutryne), a phosphorothioate (such as piperophos, bensulide or butamifos), a thiocarbamate (such as prosulfocarb, cycloate, vernolate, molinate, thiobencarb, butylate, EPTC, tri-allate, di-allate, esprocarb, tiocarbazil, pyridate or dimepiperate), a 1,2,4-triazin-5-one (such as metamitron or metribuzin), a benzoic acid (such as 2,3,6-TBA, dicamba or chloramben), an anilide (such as pretilachlor, butachlor, alachlor, propachlor, propanil, metazachlor, metolachlor, acetochlor or dimethachlor), a dihalobenzonitrile (such as dichlobenil, bromoxynil or ioxynil), a haloalkanoic herbicide (such as dalapon, TCA or a salt thereof), a diphenylether (such as lactofen, fluroglycofen or a salt or ester thereof, nitrofen, bifenoxy, acifluorfen or a salt or ester thereof, oxyfluorfen, fomesafen, chlornitrofen or chlomethoxyfen), an aryloxyphenoxypropionate (such as diclofop or an ester thereof (such as the methyl ester), fluazifop or an ester thereof, haloxyfop or an ester thereof, quizalofop or an ester thereof or fenoxaprop or an ester thereof (such as the ethyl ester), a cyclohexanedione (such as alloxydim or a salt thereof, sethoxydim, cycloxydim, tralkoxydim or clethodim), a sulfonyl urea (such as chlorsulfuron, sulfometuron, metsulfuron or an ester thereof, bensulfuron or an ester thereof (such as DPX-M6313), chlorimuron or an ester (such as the ethyl ester) thereof, pirimisulfuron or an ester (such as the methyl ester) thereof, 2-[3-(4-methoxy-6-methyl-1,3,5-triazinyl)-3-methylureido-sulphonyl]benzoic acid or an ester (such as the methyl ester) thereof, (DPX-L5300) or pyrazosulfuron), an imidazolidinone herbicide (such as imazaquin, imazamethabenz, imazapyr or imazethapyr), an arylanilide herbicide (such as flamprop or an ester thereof, benzoylprop-ethyl or diflufenican), an amino acid herbicide (such as glyphosate or glufosinate or a salt or ester thereof, sulphosate or bialaphos), an organoarsenical herbicide (such as monosodium methanearsonate (MSMA)), a herbicidal amide derivative (such as napropamide, propyzamide, carbetamide, tebutam, bromobutide, isoxaben, naproanilide or naptalam), a herbicidal triketone (such as sulcotrione), a miscellaneous herbicide (such as ethofumesate, cinmethylin, difenzoquat or a salt thereof such as the methyl sulphate salt, clomazone, oxadiazon, bromofenoxim, barban, tridiphane, flurochloridone, quinclorac, dithiopyr or mefanacet) or a contact herbicide (such as a bipyridylum herbicide for example a herbicide in which the active entity is paraquat or diquat)}, an insecticide {such as a pyrethroid (such as permethrin, esfenvalerate, deltamethrin, cyhalothrin in particular}

lambda-cyhalothrin, biphenthrin, fenpropathrin, cyfluthrin, tefluthrin, fish safe pyrethroids for example ethofenprox, natural pyrethrin, tetramethrin, s-bioallethrin, fenfluthrin, prallethrin or 5-benzyl-3-furylmethyl-(E)-(1R,3S)-2,2-dimethyl-3-(2-oxothiolin-3-ylidenemethyl)cyclopropane carboxylate), an organophosphate (such as profenofos, sulprofos, methyl parathion, azinphos-methyl, demeton-s-methyl, heptenophos, thiometon, fenamiphos, monocrotophos, profenophos, triazophos, methamidophos, dimethoate, phosphamidon, malathion, chloropyrifos, phosalone, terbufos, fensulfothion, fonofos, phorate, phoxim, pyrimiphos-methyl, pyrimiphos-ethyl, fenitrothion or diazinon), an insecticidal carbamates (such as pirimicarb, cloethocarb, carbofuran, furathiocarb, ethiofencarb, aldicarb, thiofurox, carbosulfan, bendiocarb, fenobucarb, propoxur or oxamyl), a benzoyl urea (such as triflumuron, or chlorfluazuron), an organic tin compound (such as cyhexatin, fenbutatin oxide or azocyclotin), an insecticidal macrolide (such as an avermectin or milbemycin, for example abamectin, ivermectin, or milbemycin), an insecticidal hormone or pheromone, an organochlorine compound (such as benzene hexachloride, DDT, chlordane or dieldrin), an insecticidal amidine (such as chlordimeform or amitraz), imidacloprid, cartap, buprofezin, chlofentezine, flubenzimine, hexythiazox, tetradifon, a motilicide (such as dicofol or propargite), an acaricides (such as bromopropylate, chlorobenzilate) or an insect growth regulator (such as hydramethyron, cyromazine, methoprene, chlorofluazuron or diflubenzuron), a fungicide {such as (RS)-1-aminopropylphosphonic acid, (RS)-4-(4-chlorophenyl)-2-phenyl-2-(1H-1,2,4-triazol-1-ylmethyl)butyronitr ile, (Z)-N-but-2-enyloxymethyl-2-chloro-2',6'-diethylacetanilide, 1-(2-cyano-2-methoxyiminoacetyl)-3-ethyl urea, 4-(2,2-difluoro-1,3-benzodioxol-4-yl)pyrrole-3-carbonitrile, 4-bromo-2-cyano-N,N-dimethyl-6-trifluoromethylbenzimidazole-1-sulphonamide, 5-ethyl-5,8-dihydro-8-oxo(1,3)-dioxol-(4,5-g)quinoline-7-carboxylic acid, .alpha.-[N-(3-chloro-2,6-xylyl)-2-methoxyacetamido]-g-butyrolactone, N-(2-methoxy-5-pyridyl)-cyclopropane carboxamide, alanycarb, aldimorph, ampropylfos, anilazine, azaconazole, BAS 490F, benalaxyl, benomyl, biloxazol, binapacryl, bitertanol, blasticidin S, bromuconazole, bupirimate, butenachlor, buthiobate, captafol, captan, carbendazim, carbendazim chlorhydrate, carboxin, chinomethionate, chlorbenzthiazone, chloroneb, chlorothalonil, chlorozolinate, clozylacon, copper containing compounds such as copper oxychloride, copper oxyquinolate, copper sulphate, copper tallate, and Bordeaux mixture, cycloheximide, cymoxanil, cyproconazole, cyprodinyl, cyprofuram, debacarb, di-2-pyridyl disulphide 1,1'-dioxide, dichlofluanid, dichlone, diclobutrazol, diclomezine, dicloran, didecyl dimethyl ammonium chloride, diethofencarb, difenoconazole, 0,0-di-iso-propyl-S-benzyl thiophosphate, dimefluazole, dimetconazole, dimethomorph, dimethirimol, diniconazole, dinocap, dipyrithione, ditalimfos, dithianon, dodemorph, dodine, doguadine, edifenphos, epoxiconazole, etaconazole, ethirimol, ethoxyquin, ethyl (Z)-N-benzyl-N-([methyl(methylthioethylideneamino-oxycarbonyl)amino]thio)-.beta.-alaninate, etridiazole, fenaminosulph, fenapanil, fenarimol, fenbuconazole, fenfuram, fenpiclonil, fenpropidin, fenpropimorph, fentin acetate, fentin hydroxide, ferbam, ferimzone, fluazinam, fludioxonil, fluoroimide, fluquinconazole, flusilazole, flutolanil, flutriafol, folpet, fuberidazole, furametpyr, furalaxy, furconazole-cis, guazatine, hexaconazole, hydroxyisoxazole, hymexazole, ICIA5504, imazalil, imibenconazole, ipconazole, iprobenfos, iprodione, isopropanyl butyl carbamate, isoprothiolane, kasugamycin, mancozeb, maneb, mepanipyrim, mepronil, metalaxyl, metconazole, methfuroxam, metiram, metiram-zinc, metsulfovax, myclobutanil, NTN0301, neoasozin, nickel dimethyldithiocarbamate, nitrothal-isopropyl, nuarimol, ofurace, organomercury compounds, oxadixyl, oxolinic acid, oxycarboxin, pefurazoate, penconazole, pencycuron, phenazin oxide, phosetyl-Al, phosphorus acids, phthalide, polyoxin D, polyram, probenazole, prochloraz, procymidone, propamocarb, propamocarb hydrochloride, propiconazole, propineb, propionic acid, prothiocarb, pyracarbolid, pyrazophos, pyrifenoxy, pyrimethanil, pyroquilon, pyroxyfur, pyrrolnitrin, quaternary ammonium compounds, quinconazole, quinomethionate, quintozene, rabenazole, sodium pentachlorophenate, streptomycin, sulphur, tebuconazole, techlofthalam, tecnazene, tetaconazole, thiabendazole, thicyofen, thifluzamide, 2-(thiocyanomethylthio)benzothiazole, thiophanate-methyl, thiram, timibenconazole, tolclofos-methyl, tolylfuanid, triacetate salt of 1,1'-iminodi(octamethylene)-diguanidine, triadimefon, triadimenol, triazbutyl, triazoxide, tricyclazole, tridemorph, triforine, triflumizole, triticonazole, validamycin A, vapam, vinclozolin, XRD-563, zineb or ziram} or a plant growth regulator {such as abscisic acid, dikegulac, fenpentezol,

paclobutrazol, or a gibberellins (for example GA3, GA4 or GA7)}. The word agrochemical includes an adjuvant, synergist or penetrating agent.

WEST

[Generate Collection](#)[Print](#)**Search Results - Record(s) 1 through 10 of 13 returned.** 1. Document ID: US 6010979 A

L8: Entry 1 of 13

File: USPT

Jan 4, 2000

US-PAT-NO: 6010979

DOCUMENT-IDENTIFIER: US 6010979 A

TITLE: Herbicidal composition

DATE-ISSUED: January 4, 2000

## INVENTOR- INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Osborn; Martin Keith	Wokingham			GB
Bean; Michael John	Bracknell			GB
Wikeley; Philip Simon	Loughborough			GB

US-CL-CURRENT: 504/206

<a href="#">Full</a>	<a href="#">Title</a>	<a href="#">Citation</a>	<a href="#">Front</a>	<a href="#">Review</a>	<a href="#">Classification</a>	<a href="#">Date</a>	<a href="#">Reference</a>	<a href="#">Sequences</a>	<a href="#">Attachments</a>
<a href="#">Draw</a>	<a href="#">Desc</a>	<a href="#">Image</a>							

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 2. Document ID: US 5990046 A

L8: Entry 2 of 13

File: USPT

Nov 23, 1999

US-PAT-NO: 5990046

DOCUMENT-IDENTIFIER: US 5990046 A

TITLE: Herbicidal compositions comprising dimethenamid and diketone or triketone herbicides

DATE-ISSUED: November 23, 1999

## INVENTOR- INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Fenderson; John M.	Kiowa			KS
O'Neal; William B.	Buffalo Grove			IL
Quaghebeur; Theo	Saint-Symphorien			BE
Schumm; Karl-Christoph	Campinas			BR
Van Loocke; Walter	Meetkerke			BE

US-CL-CURRENT: 504/129; 504/134

<a href="#">Full</a>	<a href="#">Title</a>	<a href="#">Citation</a>	<a href="#">Front</a>	<a href="#">Review</a>	<a href="#">Classification</a>	<a href="#">Date</a>	<a href="#">Reference</a>	<a href="#">Sequences</a>	<a href="#">Attachments</a>
<a href="#">Draw</a>	<a href="#">Desc</a>	<a href="#">Image</a>							

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3. Document ID: US 5888934 A

L8: Entry 3 of 13

File: USPT

Mar 30, 1999

US-PAT-NO: 5888934

DOCUMENT-IDENTIFIER: US 5888934 A

TITLE: Herbicidal compositions and adjuvant composition comprising alkylpolyglycoside and ethoxylated alcohol surfactants

DATE-ISSUED: March 30, 1999

## INVENTOR- INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Townson; Jane Karen	Maidenhead			GB
Hart; Clifford Arthur	Wokingham			GB
Osborn; Martin Keith	Wokingham			GB
Bean; Michael John	Bracknell			GB

US-CL-CURRENT: 504/206

<a href="#">Full</a>	<a href="#">Title</a>	<a href="#">Citation</a>	<a href="#">Front</a>	<a href="#">Review</a>	<a href="#">Classification</a>	<a href="#">Date</a>	<a href="#">Reference</a>	<a href="#">Sequences</a>	<a href="#">Attachments</a>	<a href="#">KMC</a>
<a href="#">Drawn Desc</a>   <a href="#">Image</a>										

 4. Document ID: US 5863865 A

L8: Entry 4 of 13

File: USPT

Jan 26, 1999

US-PAT-NO: 5863865

DOCUMENT-IDENTIFIER: US 5863865 A

TITLE: Herbicidal 4-benzoylisoxazoles derivatives

DATE-ISSUED: January 26, 1999

## INVENTOR- INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Lee; David L.	Pleasant Hill	CA		
Barnes; Nigel	Berkshire			GB

US-CL-CURRENT: 504/271; 548/243

<a href="#">Full</a>	<a href="#">Title</a>	<a href="#">Citation</a>	<a href="#">Front</a>	<a href="#">Review</a>	<a href="#">Classification</a>	<a href="#">Date</a>	<a href="#">Reference</a>	<a href="#">Sequences</a>	<a href="#">Attachments</a>	<a href="#">KMC</a>
<a href="#">Drawn Desc</a>   <a href="#">Image</a>										

 5. Document ID: US 5856273 A

L8: Entry 5 of 13

File: USPT

Jan 5, 1999

US-PAT-NO: 5856273

DOCUMENT-IDENTIFIER: US 5856273 A

**TITLE:** Herbicidally active phenylsubstituted 5-and 6-membered heterocyclic compounds

**DATE-ISSUED:** January 5, 1999

**INVENTOR-INFORMATION:**

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kay; Ian Trevor	Penzance			GB
Barton; John Edward Duncan	North Stoke			GB
Collins; David John	Crowthorne			GB
Kowalczyk; Bogdan	Wokingham			GB
Mitchell; Glynn	Cookham			GB
Shribbs; John Martin	Petaluma	CA		
Cox; John Micheal	Wokingham			GB
Barnes; Nigel John	Maidenhead			GB
Smith; Stephen Christopher	Bracknell			GB

**US-CL-CURRENT:** 504/266, 504/166, 504/167, 504/168, 504/169, 504/176, 504/177,  
504/178, 504/179, 504/180, 504/221, 504/222, 504/223, 504/225, 504/236, 504/238,  
504/239, 504/244, 504/248, 504/251, 504/262, 504/270, 504/272, 544/106, 544/111,  
544/224, 544/238, 544/239, 544/242, 544/298, 544/58.2, 544/98, 546/255, 546/268.1,  
546/63, 548/126, 548/131, 548/215, 548/225, 548/262.2, 548/263.2, 548/300.1,  
548/311.1, 548/314.7, 548/543, 548/544

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6. Document ID: US 5763357 A

L8: Entry 6 of 13

File: USPT

Jun 9, 1998

US-PAT-NO: 5763357

DOCUMENT-IDENTIFIER: US 5763357 A

**TITLE:** 3-substituted pyridine compounds and derivatives thereof

**DATE-ISSUED:** June 9, 1998

**INVENTOR-INFORMATION:**

NAME	CITY	STATE	ZIP CODE	COUNTRY
Chin; Hsiao-Ling M.	Moraga	CA		
Nguyen; Nhan H.	Richmond	CA		
Kanne; David B.	Corte Madera	CA		
Lee; David L.	Pleasant Hill	CA		

**US-CL-CURRENT:** 504/239; 544/333

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [KMC](#) |  
[Draw Desc](#) | [Image](#) |

7. Document ID: US 5726129 A

L8: Entry 7 of 13

File: USPT

Mar 10, 1998

US-PAT-NO: 5726129

DOCUMENT-IDENTIFIER: US 5726129 A

TITLE: Pyrrolidine-2-thione derivatives as herbicides

DATE-ISSUED: March 10, 1998

## INVENTOR- INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Barnes; Nigel John	Maidenhead			GB
Barber; Richard Anthony	Reading			GB

US-CL-CURRENT: 504/283; 548/544

<a href="#">Full</a>	<a href="#">Title</a>	<a href="#">Citation</a>	<a href="#">Front</a>	<a href="#">Review</a>	<a href="#">Classification</a>	<a href="#">Date</a>	<a href="#">Reference</a>	<a href="#">Sequences</a>	<a href="#">Attachments</a>	<a href="#">KOMC</a>
<a href="#">Draw Desc</a>	<a href="#">Image</a>									

 8. Document ID: US 5707930 A

L8: Entry 8 of 13

File: USPT

Jan 13, 1998

US-PAT-NO: 5707930

DOCUMENT-IDENTIFIER: US 5707930 A

TITLE: 4-cycloalkyl-5-substituted pyrimidine compounds useful as crop protection agents

DATE-ISSUED: January 13, 1998

## INVENTOR- INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Felix; Raymond A.	Richmond	CA		
Chin; Hsiao-Ling M.	Moraga	CA		
Woolard; Frank X.	Greenbrae	CA		
Lee; David L.	Pleasant Hill	CA		
Kanne; David B.	Corte Madera	CA		

US-CL-CURRENT: 504/197; 504/219, 504/221, 504/225, 504/239, 504/242, 504/243,  
544/122, 544/243, 544/296, 544/58.6, 544/60

<a href="#">Full</a>	<a href="#">Title</a>	<a href="#">Citation</a>	<a href="#">Front</a>	<a href="#">Review</a>	<a href="#">Classification</a>	<a href="#">Date</a>	<a href="#">Reference</a>	<a href="#">Sequences</a>	<a href="#">Attachments</a>	<a href="#">KOMC</a>
<a href="#">Draw Desc</a>	<a href="#">Image</a>									

 9. Document ID: US 5672567 A

L8: Entry 9 of 13

File: USPT

Sep 30, 1997

US-PAT-NO: 5672567

DOCUMENT-IDENTIFIER: US 5672567 A

TITLE: Herbicidal hydroxybenzyl-substituted heteroaryl compounds and derivatives thereof

DATE-ISSUED: September 30, 1997

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Chin; Hsiao-Ling M.	Moraga	CA		
Wei; Yi-Qiu	Pinole	CA		
Nguyen; Nhan H.	Richmond	CA		
Kanne; David B.	Corte Madera	CA		

US-CL-CURRENT: 504/239; 504/242, 504/243, 544/243, 544/298, 544/302, 544/335

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

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 10. Document ID: US 5670453 A

L8: Entry 10 of 13

File: USPT

Sep 23, 1997

US-PAT-NO: 5670453

DOCUMENT-IDENTIFIER: US 5670453 A

TITLE: Herbicidal hydroxybenzyl-substituted heteroaryl compounds and derivatives thereof

DATE-ISSUED: September 23, 1997

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Chin; Hsiao-Ling M.	Moraga	CA		
Wei; Yi-Qiu	Pinole	CA		
Nguyen; Nhan H.	Richmond	CA		
Kanne; David B.	Corte Madera	CA		

US-CL-CURRENT: 504/235; 544/120, 544/336, 544/357, 544/405, 544/410, 544/60

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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Terms	Documents
(I1 and L6) not 17	13

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Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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 13. Document ID: US 5466662 A

L8: Entry 13 of 13

File: USPT

Nov 14, 1995

US-PAT-NO: 5466662

DOCUMENT-IDENTIFIER: US 5466662 A

TITLE: Use of  
4-chloro-3-(4-chloro-2-fluorophenyl)-5-difluoromethoxy-1-methyl-1H-pyrazole as an  
herbicidal treatment

DATE-ISSUED: November 14, 1995

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Singhbansal; Harjinder	Bracknell			GB
Ormrod; John C.	Farnborough			GB

US-CL-CURRENT: 504/202; 504/139

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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Terms	Documents
(11 and L6) not 17	13

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## WEST

## Search Results - Record(s) 11 through 13 of 13 returned.

 11. Document ID: US 5595958 A

L8: Entry 11 of 13

File: USPT

Jan 21, 1997

US-PAT-NO: 5595958

DOCUMENT-IDENTIFIER: US 5595958 A

TITLE: 3-substituted pyridine compounds and derivatives thereof

DATE-ISSUED: January 21, 1997

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Chin; Hsiao-Ling M.	Moraga	CA		
Nguyen; Nhan H.	Richmond	CA		
Kanne; David B.	Madera	CA		
Lee; David L.	Pleasant Hill	CA		

US-CL-CURRENT: 504/250; 504/239, 504/242, 504/243, 504/252, 544/243, 544/298,  
544/322, 544/333, 546/14, 546/22, 546/255, 546/261, 546/266

<a href="#">Full</a>	<a href="#">Title</a>	<a href="#">Citation</a>	<a href="#">Front</a>	<a href="#">Review</a>	<a href="#">Classification</a>	<a href="#">Date</a>	<a href="#">Reference</a>	<a href="#">Sequences</a>	<a href="#">Attachments</a>
<a href="#">Drawn Desc</a>	<a href="#">Image</a>	<a href="#">KMC</a>							

 12. Document ID: US 5484760 A

L8: Entry 12 of 13

File: USPT

Jan 16, 1996

US-PAT-NO: 5484760

DOCUMENT-IDENTIFIER: US 5484760 A

TITLE: Herbicide antidotes as safeners for reducing phytotoxicity resulting from synergistic interaction between herbicides and other pesticides

DATE-ISSUED: January 16, 1996

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Bussler; Brett H.	St. Louis Park	MN		
Hakes; Harrison R.	Ballwin	MO		
Mayonado; David J.	Chesterfield	MO		

US-CL-CURRENT: 504/103; 504/104, 504/105, 504/106, 504/107, 504/108, 504/109,  
504/110, 504/111, 504/112

## WEST

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L8: Entry 2 of 13

File: USPT

Nov 23, 1999

DOCUMENT-IDENTIFIER: US 5990046 A

TITLE: Herbicidal compositions comprising dimethenamid and diketone or triketone herbicidesAbstract Text (1):

Co-application of dimethenamid with diketone or triketone herbicides provides improved herbicidal activity.

Brief Summary Text (13):

6. amino acid synthesis inhibitors, including a) glyphosate, glufosinate; b) sulfonylureas, e.g. rimsulfuron, metsulfuron, nicosulfuron, triasulfuron, primisulfuron, bensulfuron, chlorimuron, chlorsulfuron, sulfometuron, thifensulfuron, tribenuron, ethametsulfuron, triflusulfuron, clopyrasulfuron, pyrazasulfuron, prosulfuron (CGA-152005), halosulfuron, metsulfuron-methyl, chlorimuron-ethyl; c) sulfonamides, e.g. flumetsulam (a.k.a. DE498); d) imidazolinones, e.g. imazaquin, imazamethabenz, imazapyr, imazethapyr, imazmethapyr

Brief Summary Text (16):

9. rapid cell membrane disruptors, including a) bipyridiliums, e.g. paraquat, diquat; b) diphenyl ethers, e.g. acifluorfen, fomesafen, lactofen, oxyfluorfen; c) glutamine synthetase inhibitors, e.g. glufosinate; d) others, e.g. oxadiazon

Brief Summary Text (128):

u. various, e.g. glyphosate, glufosinate, methazole, paclobutrazol, bentazon, desmedipham, phenmedipham, pyrazon, pyridate, amitrole, fluridone, DCPA, dithiopyr, pronamide, bensulide, napropamide, siduron, flumetsulam, sethoxydim, fluazifop, clethodim, diclofop-methyl, fenoxaprop-ethyl, haloxyfop-methyl, quinalofop, diclobenil, isoxabenz, oxadiazon, paclobutrazol, ethofumesate, quinclorac, diperizoquat, entothall, fosamine, DSMA, MSMA

Brief Summary Text (142):

Examples of specific mixing partners can be selected for example from the following: paraquat (e.g. as GRAMOXONE.RTM. or GRAMOXONE.RTM.EXTRA), simazine (e.g. as PRINCEP.RTM.), glyphosate (e.g. as ROUNDUP.RTM.), glufosinate (e.g. as BASTA.RTM.); (Compound Group I).

## CLAIMS:

1. A herbicidal composition comprising a herbicidally effective aggregate amount of a triketone or dione herbicide and dimethenamid in a weight ratio between 1:2 and 1:10.

3. A method of controlling undesired plant growth in the presence of a crop comprising applying to the locus of said undesired plant growth a herbicidally effective aggregate amount of dimethenamid and a triketone or dione herbicide wherein the application rate of dimethenamid is from 0.1 to 3.0 kg/ha.

10. A method according to claim 3 wherein the dimethenamid and the triketone or dione herbicide are applied postemergence.

11. A method according to claim 3 wherein the dimethenamid and the triketone or dione herbicide are applied preemergence.

## WEST

  

L8: Entry 10 of 13

File: USPT

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DOCUMENT-IDENTIFIER: US 5670453 A

TITLE: Herbicidal hydroxybenzyl-substituted heteroaryl compounds and derivatives thereof

Brief Summary Text (183):

T. triketone and cyclohexanedione herbicides such as alloxydim, sulcotrione and salts thereof, sethoxydim, cycloxydim, tralkoxydim, and clethodim;

Brief Summary Text (187):

X. amino acid herbicides such as glyphosate and glufosinate and their salts and esters, sulphosate, and bilanafos;